**DATE:18/01/2023 CONCATENATION OF THE NAMES**

**EXPT NO:5A**

PROGRAM:

first\_name=input(&quot;Enter a first name:&quot;)

last\_name=input(&quot;Enter a last name:&quot;)

def name():

c=first\_name+last\_name

return c

a=name()

print(&quot;The Name is&quot;,a)

OUTPUT:

Enter a first name:PRIYA

Enter a last name:DARSHAN

The Name is PRIYA DARSHAN

**DATE:18/01/2023 CONVERTING HOURS INTO MINUTES**

**EXPT NO : 5B**

PROGRAM:

time=int(input(&quot;Enter the hours:&quot;))

def minutes():

m=time\*60

return m

a=minutes()

print(&quot;The minutes is&quot;,a)

OUTPUT:

Enter the hours:4

The minutes is 240

**DATE:18/01/2023 Find the exponent of a number using Function**

**EXPT NO:5C**

PROGRAM:

def exp(x,y):

result = pow(x,y)

print(result)

exp(2,3)

kilometers = float(input("Enter value in kilometers: "))

def convert(n):

conv\_fac = 0.621371

miles = kilometers \* conv\_fac

print('%0.2f kilometers is equal to %0.2f miles' %(kilometers,miles))

convert(kilometers)

OUTPUT:

Enter value in kilometers: 2

2.00 kilometers is equal to 1.24 miles

**DATE:18/01/2023 convert km to miles and print both the data**

**EXPT NO:5D**

PROGRAM:

import math

radius = float(input("Enter radius of cone: "))

height = float(input("Enter height of cone: "))

def area(x,y):

area = 3.141592 \* radius \* (radius + math.sqrt(radius\*radius + height\*height))

print("Surface area = ", area)

area(radius,height)

OUTPUT:

Enter radius of cone: 5

Enter height of cone: 6

Surface area = 201.2228894991547

**DATE:18/01/2023 AREA OR PERIMETER OF CONE**

**EXPT NO:5E**

PROGRAM:

def area(cone):

c=2\*3.14\*r

return(c)

r=int(input("Enter the number:"))

print("The cone of perimeter is:",area(r))

OUTPUT:-

Enter the number:5

The cone of perimeter is: 31.400000000000002

**RESULT:**

**Thus the program and output written for the given program**